f500g

Car Camcorder
User Manual

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About this Guide

The content in this document is for information purpose and is subject to change without prior notice. We made every effort to ensure that this User Guide is accurate and complete. However, no liability is assumed for any errors and omissions that may have occurred. The manufacturer reserves the right to change the technical specifications without prior notice.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

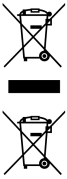
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

WEEE Notice

Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union



This symbol on the product or on the packaging indicates that this can not be disposed of as a household waste. You must dispose of your waste equipment and/or battery by handling it over to the applicable take-back scheme for the recycling of electrical and electronic equipment and/or battery. For more information about recycling of this equipment and/or battery, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and environment.

CE Regulatory Notice

Herewith confirm to comply with the requirements set out in the Council Directives on the Approximation of the Laws of the Member States relating Electromagnetic Compatibility of Radio and Telecom device (1995/5/EC); the Low Voltage Directive (2006/95/EC); the Restriction of The Use of Certain Hazardous Substances in Electrical And Electronic Equipment Directive (2002/95/EC), Turkish EEE Directive; the Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to eco-design requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment, and the Directive 2009/125/EC of the European parliament and of the council establishing a framework for the setting of eco-design requirements for energy-related products.

Notes on Installation

1. Install the device near the rear-view mirror to obtain the best open-field view. Do NOT install the camcorder in a location that will obstruct your required driving view.
2. Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
3. Do not touch the lens with your fingers. Finger grease may be left on the lens and will result in unclear videos or snapshots. Clean the lens on a regular basis.
4. Do not install the device on a tinted window. Doing so may damage the tint film.
5. Make sure that the installation position is not hindered by the tinted window.

Caution

- Use the authorized charger only.
- Never disassemble or attempt repair of this product. Doing so may damage the camcorder, cause electric shock and void your product warranty.
- Never short-circuit the battery.
- Set up time and date accurately before you use this device.
- Exposing the camcorder to open flames can cause explosion.
- Due to local laws and vehicles safety considerations, do not manually operate the device while driving.
- The results of GPS positioning are only for reference, and should not affect the actual driving situation. The feature cannot ensure the location accuracy.
- GPS location accuracy may differ depending on weather and location such as high buildings, tunnels, undergrounds, or forests.
  GPS satellite signals cannot pass through solid materials (except glass). Tinted window may affect the performance of the GPS satellite reception.
- GPS reception performance on each device may differ. The accuracy of the location results from different devices.
- Please use the SuperCar software with recorded video for the electronic map.
- The values displayed in this system, such as speed, position, and the distance warning to the speed camera set points, may be inaccurate due to the influence of surrounding environment. They are for your reference only.
- Hewlett-Packard Company is NOT responsible for the loss of any data/content during operation.
- The firmware function in device are reference only, please follow the actual road condition.

Before you start using the Car Camcorder it is assumed that you agree to the above statements.

1 Introduction

Thank you for purchasing this advanced Car Recorder. This device is specifically designed for real time video and audio recording when driving.

1.1 Features

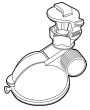
- Full HD camera (1920x1080 @ 30fps)
- 2.4" LCD color screen
- Up to 140 ° Wide angle lens
- Motion detection
- Automatic Emergency recording for collision detection
- Supports micro-SDHC up to 32GB (Class 6 or greater speed required for HD video recording)

1.2 Package Contents

The package contains the following items. If there are any missing or damaged items, contact your dealer immediately.

Car Recorder

Bracket

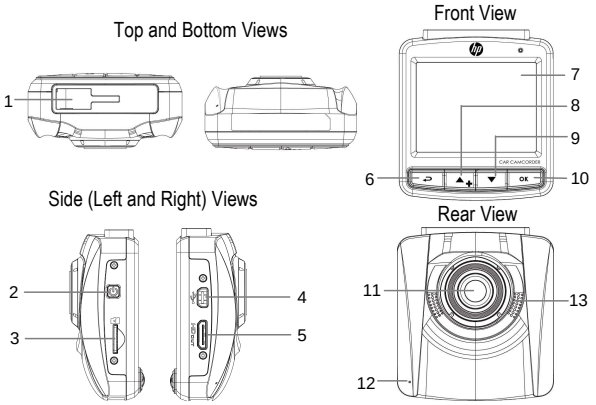


CD-ROM

Quick start guide

Car adapter

1.3 Product Overview



No.	Item
1	Bracket Socket
2	Power Button
3	Memory Card Slot
4	USB Connector
5	HD(Mini HDMI) Connector
6	Back Button (↩)
7	LCD Panel

No.	Item
8	Up Button (▲+)
9	Down Button (▼)
10	Enter Button (OK)
11	Wide Angle Lens
12	Microphone
13	Speaker

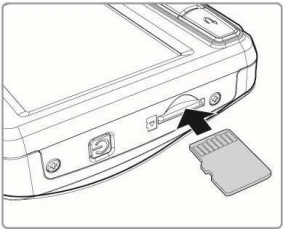
Note:

To operate the device, press the corresponding buttons (6,8,9,10) according to guide icons shown the screen.

2 Getting Started

2.1 Inserting the Memory Card

Insert the memory card with the gold contacts facing the back of the camcorder. Push the memory card until it clicks into place. (Use class 6 or above the micro SD cards for this camcorder; It is recommended to format the micro SD cards before the initial use.)



To remove the memory card

Push the edge of the memory card inward until you hear/feel it click, then allow it to push out until you can remove it from the slot.

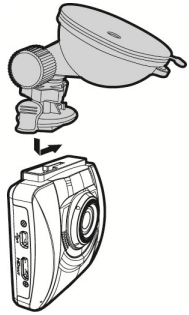
Note:

1. Do not remove or insert the memory card when the device is powered on. This may damage the memory card.
2. It is recommended to use a 32 GB, Class 6 speed or above micro SD card.
3. It is recommended to format the micro SD cards before the initialuse.

2.2 Installing in Vehicles

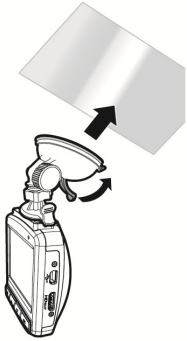
2.2.1 Mount to Windshield

1. Attach the bracket to the device. Slide it into the bracket holder until you hear a click.



2. With the suction-cup laying flat, position the suction-cup on the windshield.

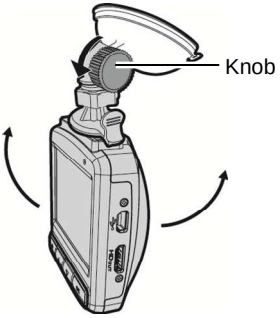
3. Hold the base firmly on the windshield and press down the clamp to mount the car holder to the windshield. Make sure the base is securely locked in place.



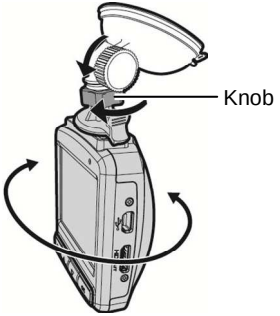
Warning: Do not install the device on a tinted window. Doing so may damage the tint film.

2.2.2 Adjust the device position

1. Loosen the knob to swivel the device vertically.



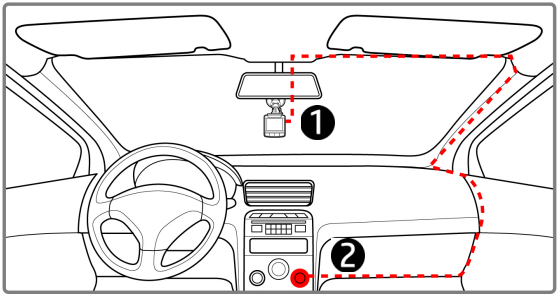
2. Loosen the knob to swivel the device horizontally up to 360°.



3. Then tighten the knob to make sure the device is securely locked in place.

2.3 Connecting to Power

Use only the supplied car adapter to power up the device and charge the built-in battery.



1. Connect one end of the car adapter to the USB connector of the camcorder.
2. Plug the other end of the car charger to the cigarette lighter socket of your vehicle. Once the vehicle engine is started, the camcorder automatically powers on.

Note:

1. The orange LED lights up while the battery is charging.
2. Please take note if the environment temperature reaches 45°C or above, the car adapter still can supply power to camcorder, but it may not charge the battery. This is characteristic of Lithium polymer battery and is not a malfunction.

2.4 Powering the Camcorder On / Off

2.4.1 Auto Power On/Off

Once the vehicle engine is started, the camcorder automatically turns on. If the *Automatic Record* function is enabled, the recording will automatically start right after the camcorder powers on.
See ***Set Automatic Recording*** (2.5.1).

Once the vehicle engine shuts down, the camcorder automatically saves the recording and turns off the power within 10 seconds.
See ***Delay Shutdown*** (4.2).

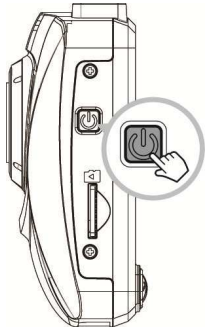
Note: Automatic power up and shut down assumes the power socket is linked to the car ignition.

2.4.2 Manual Power On/Off

To manually turn on the power, press the **POWER** button.

To turn off, press and hold the **POWER** button for at least 2 seconds.

To reset, press and hold the **POWER** button for at least 5 seconds.

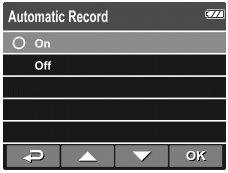


2.5 Initial Settings

Before using the device, we recommend you to enable the ***Automatic Record*** function and set up the correct date and time.

2.5.1 Set Automatic Recording

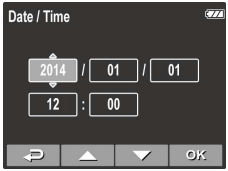
To enable the recording to start automatically after you turn on the power, do the following:



1. Press the ⮌ button to enter the OSD menu.
2. Press the ▲/▼ button to select **Automatic Record** and press the OK button.
3. Press the ▲/▼ button to select **On** and press the OK button.
4. Press the ⮌ button to exit the menu.

2.5.2 Set the Date and Time

To set the correct date and time, do the following:



1. Press the ⮌ button to enter the OSD menu.
2. Press the ▲/▼ button to select **Date / Time** and press the OK button.
3. Press the ▲/▼ button to adjust the value and press the OK button to move to another field.
4. Repeat step 3 until the date and time setting is complete.

Note:
1. When the battery is drained dry and the satellite synchronization is off , the user must reset the date/time before the function -automatic record is started. If the user doesn't reset the date/time, the device will give you alert after one minutes and the automatic record will be started .
2. But if the satellite synchronized ,the device can do automatic record immediately.

2.5.3 Setting the Universal Time Code (UTC)

Depending on your location, you may need to change the current UTC setting of the camcorder so that the correct date and time are updated when a GPS signal is detected.

1. If recording is in progress, press the ▼ button to stop recording.
2. Press the ⮌ button to open the OSD menu.
3. Use the ▲✚ or ▼ buttons to navigate to the **Satellite Synchronization** option and press the **OK** button. Ensure that the **On** setting is selected and press the **OK** button again to view the UTC setting.
4. Refer to the UTC Map below and use the ▲✚ or ▼ button to select the desired setting and press the **OK** button to confirm the setting.
5. Press the ⮌ button to exit the menu.

City	UTC	City	UTC	City	UTC	City	UTC	City	UTC
Accra	0	Budapest *	+ 1	Houston *	- 6	Melbourne	+ 10	Santiago	- 4
Addis Ababa	+ 3	Buenos Aires	- 3	Indianapolis *	- 5	Mexico City *	- 6	Santo Domingo	- 4
Adelaide **	+ 9	Cairo	+ 2	Islamabad	+ 5	Miami *	- 5	São Paulo	- 3
Algiers	+ 1	Calgary *	- 7	Istanbul *	+ 2	Minneapolis *	- 6	Seattle *	- 8
Almaty	+ 6	Canberra	+ 10	Jakarta	+ 7	Minsk	+ 3	Seoul	+ 9
Amman *	+ 2	Cape Town	+ 2	Jerusalem *	+ 2	Montevideo	- 3	Shanghai	+ 8
Amsterdam *	+ 1	Caracas **	- 4	Johannesburg	+ 2	Montreal *	- 5	Singapore	+ 8
Anadyr	+ 12	Casablanca *	0	Kabul **	+ 4	Moscow	+ 4	Sofia *	+ 2
Anchorage *	- 9	Chicago *	- 6	Karachi	+ 5	Mumbai **	+ 5	St. John's **	- 3
Ankara *	+ 2	Columbus *	- 5	Kathmandu **	+ 5	Nairobi	+ 3	Stockholm *	+ 1
Antananarivo	+ 3	Copenhagen *	+ 1	Khartoum	+ 3	Nassau *	- 5	Suva	+ 12
Asuncion	- 4	Dallas *	- 6	Kingston	- 5	New Delhi **	+ 5	Sydney	+ 10
Athens *	+ 2	Dar es Salaam	+ 3	Kinshasa	+ 1	New Orleans *	- 6	Taipei	+ 8
Atlanta *	- 5	Darwin **	+ 9	Kiritimati	+ 14	New York *	- 5	Tallinn *	+ 2
Auckland	+ 12	Denver *	- 7	Kolkata **	+ 5	Oslo *	+ 1	Tashkent	+ 5
Baghdad	+ 3	Detroit *	- 5	Kuala Lumpur	+ 8	Ottawa *	- 5	Tegucigalpa	- 6
Bangalore	+ 5	Dhaka	+ 6	Kuwait City	+ 3	Paris *	+ 1	Tehran **	+ 3
Bangkok	+7	Doha	+ 3	Kyiv *	+ 2	Perth	+ 8	Tokyo	+ 9
Barcelona *	+ 1	Dubai	+ 4	La Paz	- 4	Philadelphia *	- 5	Toronto *	- 5
Beijing	+ 8	Dublin *	0	Lagos	+ 1	Phoenix	- 7	Vancouver *	- 8
Beirut *	+ 2	Edmonton *	- 7	Lahore	+ 5	Prague *	+ 1	Vienna *	+ 1
Belgrade *	+ 1	Frankfurt *	+ 1	Las Vegas *	- 8	Reykjavik	0	Warsaw *	+ 1
Berlin *	+ 1	Guatemala	- 6	Lima	- 5	Rio de Janeiro	- 3	Washington DC *	- 5
Bogota	- 5	Halifax *	- 4	Lisbon *	0	Riyadh	+ 3	Winnipeg *	- 6
Boston *	- 5	Hanoi	+ 7	London *	0	Rome *	+ 1	Yangon **	+ 6
Brasilia	- 3	Harare	+ 2	Los Angeles *	- 8	Salt Lake City *	- 7	Zagreb *	+ 1
Brisbane	+ 10	Havana *	- 5	Madrid *	+ 1	San Francisco *	- 8	Zürich *	+ 1
Brussels *	+ 1	Hong Kong	+ 8	Managua	- 6	San Juan	- 4		
Bucharest *	+ 2	Honolulu	- 10	Manila	+ 8	San Salvador	- 6		

* Be sure to adjust for daylight saving time (DST) by adding +1 hour to the UTC offset** These areas may observe half hour increments and daylight saving time (DST)

3 Using the Car Recorder

3.1 Recording Videos

3.1.1 Record videos while driving

When the vehicle engine starts up and the *Automatic Record* function is enabled, the camcorder automatically turns on and starts recording.

Recording will automatically stop when the engine is switched off.
Or, press the ▼ button to stop recording manually.

Note:

On some cars, the recording will continue when the engine is switched off.

With some vehicle models, the automatic power up and off feature of this car camcorder will not function because the cigarette lighter/power socket is not linked to the ignition system.

To work around this issue, please do one of the following:

- Manually turn on or off the cigarette lighter/power socket if this is possible with your vehicle model.

- Manually plug in the power adapter into the socket to turn on the car camcorder and unplug from the socket to turn off the car camcorder.

3.1.2 Driver Fatigue Alert

1. Press the ⮌ button to enter the OSD menu.
2. Press the ▲+/▼ button to select **Driver Fatigue Alert** and press the OK button.

Driver Fatigue Alert function will remind the driver should take a rest after continuing to drive for over one hour via " bi bi sound " from the device and also the alert picture (as enclosed) will be appear in the LCD screen. The product will remind the driver again after 30 minutes as each interval . But the product will recalculate the alert time If the car stop moving over 5 minutes .

3.1.3 Manual Video Recording

1. Press the OK button to start recording.
2. Press the ▼ button to stop recording.

Note:

1. One video file is saved for every 3 or 5 minutes of recording. See ***Using the Menu*** (4.1).
2. The device saves the recording on the memory card. If the memory card capacity is full, the oldest file in the memory card is overwritten.

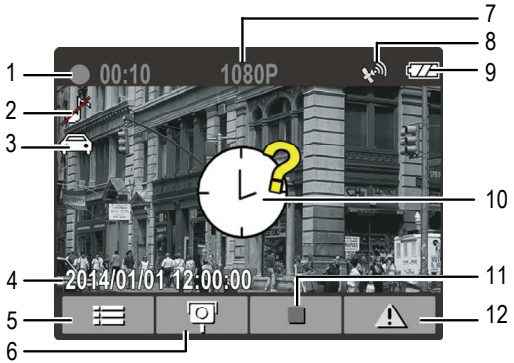
3.1.4 Emergency Recording

During normal video recording, press the OK button to begin emergency recording mode.
Tthe "***Emergency***" message will be displayed immediately on the upper left corner of the screen, and the recorded file will be contiuous and protected from being overwritten.
To stop the recording, press the ▼ button.

Note:

1. If the ***Collision Detection*** function is enabled and a collision is detected, the camcorder will automatically trigger the emergency recording feature.
2. If the ***Collision Detection*** function is enabled and a collision is detected, the ***emergency*** recording function of the device will automatically be triggered. The emergency recording file is created as a new file, which will be protected to avoid being overwritten by normal cycling recording. A 4 GB memory card can save up to 5 emergency video files, and 8 GB (or above) memory card can save up to 10 emergency video files. The alert message of "***Emergency files are full***" will pop up on the screen when the emergency recording files are full, and the oldest emergency file will be automatically deleted when a new emergency recording file is created.

3.1.5 The Recording Screen



No.	Item	Description
1	Duration	Indicates the current recording duration.
2	Voice Record	Indicates sound will not be recorded with the video. Enter the OSD menu to enable "Voice Record".
3	Smart Scene Mode	There are two options for the Smart Scene Mode: 1. Drive Priority 2. Scenery Priority See section 4.2 Menu Tree for more details.
4	Date and time	Indicates the current recording date and time.
5	Guide icon (Menu)	During video recording, press the button to view the 4 GRID FUNCTION DISPLAY.(Please refer to section 3.1.7 explanation)
6	Add speed cam point	During video recording with a good GPS signal, press the button to add a speed cam point.

7	Resolution	Indicates the current video resolution.
8	GPS icon	When a GPS fix is established, the icon " " will show on the top-right corner of the screen.
9	Battery	Indicates the estimated remaining battery power or if it is being charged.
10	Prompt : reset of date / time	Prompt : NOT reset of date / time
11	Guide icon (Stop)	Press the ▼ button to stop the recording.
12	Guide icon (Emergency)	Press the OK button to continuously record the video in one file until the recording is manually stopped.

3.1.6 Taking Photographs

You can also use this camcorder to take photos of the current scene.

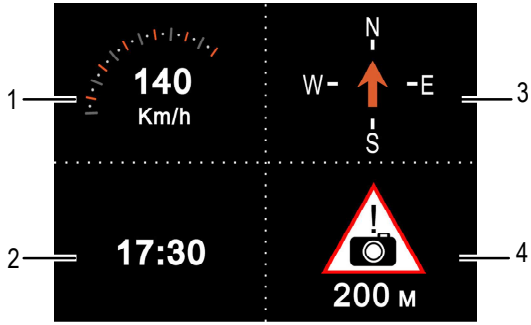
From the standby screen, press the ▼ button to take a photo.

Note:

If recording is in progress, press the ▼ button to stop the recording first.

3.1.7 4 GRID FUNCTION DISPLAY in the LCD screen

Push the ⮌ button when recording, to switch to the 4 GRID FUNCTION DISPLAY on the LCD screen.

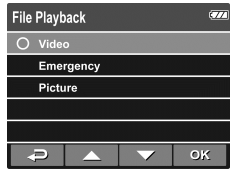


No.	Item
1	Approximate current driving speed
2	Time
3	Approximate compass driving direction
4	Estimated distance warning to the speed camera set points

Note:
The driving speed and driving direction will grayed out if GPS has no signal.

3.2 Playback Videos and Photos

1. If recording is in progress, press the ▼ button to stop recording. The standby screen is displayed.
2. Press the ⮌ button to enter the OSD menu.
3. Press the ▲/▼ button to select the file category that you want to browse and press the OK button.
4. Press the ▲/▼ button to view the next or the previous file and press the OK button to view the file in full screen.



Note:

From the standby screen, you can directly enter Playback mode by pressing ▲ button. The last recorded video is displayed on the screen.

3.2.1 Playing Videos

To play videos, do the following:

1. If recording is in progress, press the ▼ button to stop recording.
2. Press the ⮌ button to enter the OSD menu.
3. Press the ▲/▼ button to select **File Playback** and press the OK button.
4. Press the ▲/▼ button to select **Video** or **Emergency** and press the OK button.
5. Press the ▲/▼ button to browse for the desired video file and press the OK button to play the video.
6. Press the OK button to pause the playback. Press it again to resume.

3.2.2 Viewing Photos

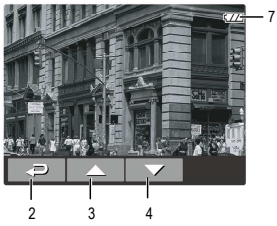
To view photos, do the following:

1. If recording is in progress, press the ▼ button to stop recording.
2. Press the ⮌ button to enter the OSD menu.
3. Press the ▲/▼ button to select **File Playback** and press the OK button.
4. Press the ▲/▼ button to select **Picture** and press the OK button.
5. Press the ▲/▼ button to browse for the desired photo file and press the OK button to view the file in full screen.

3.2.3 The Playback Screen

Video Playback Screen

Photo Playback Screen



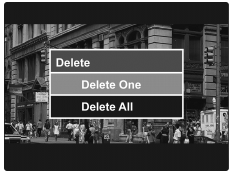
No.	Item	Description
1	Date and time	Indicates the recorded date and time.
2	Guide icon (Back)	Press the ⮌ button to return to file selection display.
3	Guide icon (Previous)	Press the ▲ button to view the previous video/photo.
4	Guide icon (Next)	Press the ▼ button to view the next video/photo.
5	Guide icon (Pause)	Press the OK button to pause the video playback.
6	Duration	Indicates the elapse time.
7	Battery	Indicates the estimated remaining battery power.

3.2.4 Deleting Files

To delete file(s), do the following:

1. If recording is in progress, press the ▼ button to stop recording.
2. Press the ⮌ button to enter the OSD menu.
3. Press the ▲/▼ button to select **File Deletion** and press the OK button.
4. Press the ▲/▼ button to select the file category and press the OK button.

5. Press the ▲/▼ button to select the file that you want to delete and press the OK button to enter the Delete menu.



6. Press the ▲/▼ button to select an option.

Item	Description
Delete One	Delete the current displayed file.
Delete All	Deletes all files.

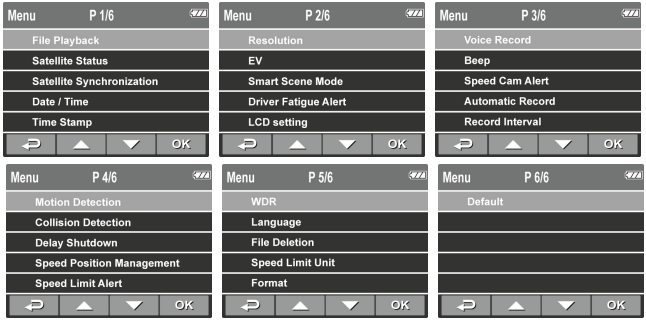
7. Press the OK button to confirm delete.

Note:
Deleted files CANNOT be recovered. Ensure the files have backup before deletion.

4 Adjusting the Settings

4.1 Using the Menu

You can customize the video recording and other general settings via the on-screen display (OSD) menus.



1. If recording is in progress, press the ▼ button to stop recording.
2. Press the ⮌ button to open the OSD menu.
3. Press the ▲/▼ button to select a menu option and press the **OK** button to enter the selected menu.
4. Press the ▲/▼ button to select the desired setting and press the **OK** button to confirm the setting.
5. Press the ⮌ button to exit the menu.

4.2 Menu Tree

Refer to the below table for details on menu items and available menu options.

Menu option	Description	Available option
File Playback	Select the file category that you want to view.	Video / Emergency / Picture
Satellite Status	Displays the current state of the satellite reception.	
Satellite Synchronization	Automatically synchronize with the local satellite time. When this feature is enabled, the system will use the satellite time, and you cannot manually change the time Please review section 2.5.3 for details..	On / Off
Date / Time	Set the date and time.	Press ▲/▼ button to adjust the value, press the OK button to switch the field and confirm.
Time Stamp	Enable/Disable the date stamp.	On / Off
Resolution	Set the desired video resolution.	1080p (1920x1080) / 720p(1280x720)
EV	Set the exposure compensation.	Press ▲/▼ button to set the exposure level. You may customize it between-1.3~+1.3.
Smart Scene Mode	Driving Priority: Calculates exposure based on the entire image area, but provides greater exposure to the center of a subject. Scenery Priority: Calculates exposure based on the entire image area.	Driving Priority/ Scenery Priority

Menu option	Description	Available option
Driver Fatigue Alert	When enabled, the camcorder sounds an audible tone after an hour of driving.	On / Off
LCD Setting	Set the duration for the display to automatically turn off right after video recording starts.	On / Turn Off After 30 sec. / Turn Off After 3 min. / Off
Voice Record	Enable or disable sound recording with the video.	On / Off
Beep	Enable/Disable the alarm tone.	On / Off
Speed Cam Alert	Warns the driver when the vehicle is approaching a speed camera.	Beep Alert / Off
Automatic Record	Enable / Disable the device to automatically record video after the device is turned on.	On / Off
Record Interval	Set the recording duration for each recorded video file.	3 min. / 5 min.
Motion Detection	Enable/Disable the motion detection. If this function is enabled and the power off button is pressed, the system alert message, "***Press OK Key to Power off, or enter motion detection after 10sec.***", will pop on the screen. Under motion detection mode, the device will automatically start recording when any object movement is detected.	On / Off

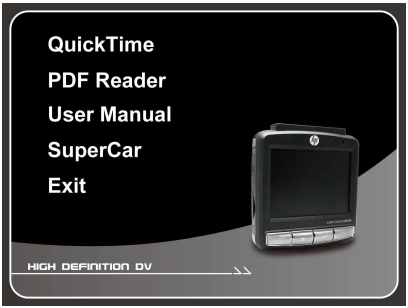
Menu option	Description	Available option
Collision Detection	Enable / Disable the collision detection. If this function is enabled and any collision is detected, the camcorder will automatically trigger the emergency recording feature.	High Sensitivity / Normal Sensitivity / Low Sensitivity / off
Delay Shutdown	Set the delay duration before turning off the power.	10 sec. / Off
Speed Position Management	**Add speed point:** The satellite positioning will manually add speed to the camera location. You can add up to 200 speed camera locations to the built-in system. **Delete speed point:** All added speed camera locations will be deleted.	Add speed point / Delete speed point
Speed Limit Alert	Set a customized maximum speed limit. When the vehicle speed exceeds the maximum, a warning tone is automatically triggered and a warning message is displayed on the screen.	Press ▲/▼ button to set the speed limit. You can set the speed limit from 50km/h to 200km/h.
WDR	Present a crisp and clear picture quality with harmonious contrast in a high contrast, high discrepancy environment.	On / Off
Language	Set the on-screen display menu language.	English / 繁体中文 / 简体中文 / 한국어 / 日本

Menu option	Description	Available option
		語 / Русский/ Deutsch / Français / Italiano / Español / Português / Türkçe
File Deletion	Delete the file(s) Warning: Once a file has been deleted, it CANNOT be restored or recovered.	Video / Emergency / Picture
Speed Limit Unit	Choose the local speed limit unit.	Kmh / Mph
Format	Format the memory card Warning: Once a format has been initiated, ALL content on the micro SD card will be deleted CANNOT be restored or recovered..	Yes / No
Default	Reset all options to the factory default settings.	Yes / No

5 Installing the Software

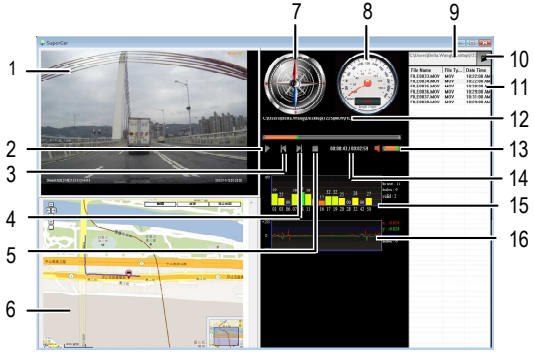
1. Place the CD disc bundled with the car camcorder in your PC/Laptop optical drive.
2. If the CD does not execute automatically, please use Windows File Manager to execute the **Install_CD.exe** file in the CD.

   The following screen will be displayed.



3. Select the desired [Menu] item to start the installation process according to the instructions on-screen.

6 SuperCar



No.	Item
1	Video Player
2	Play / Pause
3	Previous
4	Next
5	Stop
6	Electronic Map
7	Compass
8	Speed Meter

No.	Item
9	File Path
10	Browser File
11	File List
12	File Name
13	Volume
14	Current Duration / Total Duration
15	GPS sensitivity Chart (SNR)
16	G-Sensor sensitivity Chart

Note:

1. To display the route on Google Maps, please make sure the internet is connected before starting the video playback
2. Video files (MOV / TS) and GPS/G-Sensor files (NMEA) must be stored in the same folder before starting the playback.

7 Specifications

Item	Description
Image sensor	1/3" CMOS sensor
Effective pixels	1920 (H) x 1080 (V)
Storage media	Supports Micro SDHC, up to 32GB class 6 or above
LCD display	2.4" LCD color TFT (112K pixels)
Lens	Wide Angle Fixed Focus lens Aperture: Up to F1.9 ; f=2.95mm
Focus range	1.5m~Infinity
Movie Clip	Resolution: Full HD (1920 x 1080), 30fps
	Format: MOV
Still image (Photograph)	Resolution: 2M (1920 x 1080)
	Format: DCF (JPEG, Exif: 2.2)
Shutter	Electronic shutter Auto:1/2 ~1/2000 sec.
G-Sensor	3-Axis G-Force sensor
ISO	Auto
White Balance	Auto
Microphone	Yes
Speaker	Yes
Interface	Mini USB, Mini C Type HDMI
Battery	Built-in 470mAH Li-polymer rechargeable (This battery is NOT replaceable)

Item	Description
Operating Temperature	-10° ~ 60° C
Operating Humidity	20 ~ 70% RH
Storage Temperature	-20° ~ 80° C
Dimensions	70 x 63x 31.3 mm
Weight	Approx. 95g